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OM protein - protein search, using sw model

Run on: January 19, 2001, 09:50:27 ; Search time 27.51 seconds
(without alignments)
6.527 Million cell updates/sec

Title: US-09-147-490-1
Perfect score: 58
Sequence: 1 LVVYPWQRF 10

Scoring table: BIOSUM62
Gapop 10.0, Gapext 0.5

Searched: 174772 seqs, 17957048 residues 174772

Number of hits satisfying chosen parameters:

Minimum DB seq length: 0
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries

Database: Issued Patents AA:*

- 1: /cgn2.6/ptodata/2/1aa/5A.COMB.pep.*
- 2: /cgn2.6/ptodata/2/1aa/5B.COMB.pep.*
- 3: /cgn2.6/ptodata/2/1aa/6.COMB.pep.*
- 4: /cgn2.6/ptodata/2/1aa/PCITUS.COMB.pep.*
- 5: /cgn2.6/ptodata/2/1aa/Backfiles1.pep.*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
1	58	100.0	10	2 US-08-627-173-4	Sequence 4, Appl
2	58	100.0	10	2 US-08-627-173-26	Sequence 26, Appl
3	58	100.0	10	2 US-08-535-882A-4	Sequence 4, Appl
4	58	100.0	10	2 US-08-535-882A-26	Sequence 26, Appl
5	58	100.0	10	3 US-09-005-546-4	Sequence 4, Appl
6	58	100.0	10	3 US-09-005-546-26	Sequence 26, Appl
7	58	100.0	74	2 US-08-105-989-21	Sequence 21, Appl
8	58	100.0	74	2 US-08-105-989-25	Sequence 25, Appl
9	58	100.0	74	3 US-09-138-922-21	Sequence 21, Appl
10	58	100.0	74	3 US-09-138-922-25	Sequence 25, Appl
11	58	100.0	146	1 US-07-923-652C-10	Sequence 10, Appl
12	58	100.0	146	1 US-08-170-095B-2	Sequence 2, Appl
13	58	100.0	146	1 US-08-184-237-10	Sequence 10, Appl
14	58	100.0	146	1 US-08-240-712-19	Sequence 19, Appl
15	58	100.0	146	1 US-08-240-712-20	Sequence 20, Appl
16	58	100.0	146	1 US-08-240-712-21	Sequence 21, Appl
17	58	100.0	146	1 US-08-240-712-22	Sequence 22, Appl
18	58	100.0	146	1 US-08-240-712-23	Sequence 23, Appl
19	58	100.0	146	1 US-08-240-712-24	Sequence 24, Appl
20	58	100.0	146	1 US-08-240-712-28	Sequence 28, Appl
21	58	100.0	146	1 US-08-396-866-2	Sequence 2, Appl
22	58	100.0	146	1 US-08-443-890-19	Sequence 19, Appl
23	58	100.0	146	1 US-08-443-890-20	Sequence 20, Appl
24	58	100.0	146	1 US-08-443-890-21	Sequence 21, Appl
25	58	100.0	146	1 US-08-443-890-22	Sequence 22, Appl
26	58	100.0	146	1 US-08-443-890-23	Sequence 23, Appl
27	58	100.0	146	1 US-08-443-890-24	Sequence 24, Appl
28	58	100.0	146	1 US-08-443-890-28	Sequence 28, Appl

29	58	100.0	146	2 US-08-484-686B-56	Sequence 56, Appl
30	58	100.0	146	2 US-08-484-686B-57	Sequence 57, Appl
31	58	100.0	146	2 US-08-484-686B-58	Sequence 58, Appl
32	58	100.0	146	2 US-08-484-686B-70	Sequence 70, Appl
33	58	100.0	146	2 US-08-432-071B-4	Sequence 4, Appl
34	58	100.0	146	2 US-08-627-173-18	Sequence 18, Appl
35	58	100.0	146	2 US-08-627-173-22	Sequence 22, Appl
36	58	100.0	146	2 US-08-482-920-10	Sequence 10, Appl
37	58	100.0	146	2 US-08-535-882A-18	Sequence 18, Appl
38	58	100.0	146	2 US-08-535-882A-22	Sequence 22, Appl
39	58	100.0	146	2 US-08-619-708A-5	Sequence 5, Appl
40	58	100.0	146	3 US-08-316-421A-9	Sequence 9, Appl
41	58	100.0	146	3 US-08-316-421A-9	Sequence 9, Appl
42	58	100.0	146	3 US-08-381-175A-5	Sequence 5, Appl
43	58	100.0	146	3 US-08-381-175A-5	Sequence 5, Appl
44	58	100.0	146	3 US-08-484-341-19	Sequence 19, Appl
45	58	100.0	146	3 US-09-005-546-18	Sequence 18, Appl

ALIGNMENTS:

RESULT 1
US-08-627-173-4

Sequence 4, Application US/08627173

Patent No. 5861483

GENERAL INFORMATION:

APPLICANT: TSYRLOVA, IRENA

INVENTOR: MOLEPE, STEPHEN D.

TITLE OF INVENTION: INHIBITOR OF STEM CELL PROLIFERATION AND

TITLE OF INVENTION: USES THEREOF

NUMBER OF SEQUENCES: 27

CORRESPONDENCE ADDRESS:

ADDRESSEE: NIXON & VANDERHYTE P. C.

STREET: 1100 NORTH GLEBE ROAD

CITY: ARLINGTON

STATE: VIRGINIA

COUNTRY: U.S.A.

ZIP: 22201-4714

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: PatentIn Release #1.0, Version #1.30

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/627,173

FILING DATE: 03-APR-1996

CLASSIFICATION: 514

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US 08/535,882

FILING DATE: 28-SEP-1995

ATTORNEY/AGENT INFORMATION:

NAME: BYRNE, THOMAS E.

REGISTRATION NUMBER: 32,205

REFERENCE/DOCKET NUMBER: 1351-177

TELECOMMUNICATION INFORMATION:

TELEPHONE: (703) 816-4000

TELEFAX: (703) 816-4100

INFORMATION FOR SEQ. ID NO. 4:

SEQUENCE CHARACTERISTICS:

LENGTH: 10 amino acids

TYPE: amino acid

STRANDEDNESS:

TOPOLOGY: Linear

MOLECULE TYPE: peptide

US-08-627-173-4

Query Match 100.0%; Score 58; DB 2; Length 10;
Best Local Similarity 100.0%; Pred. No. 0.0002;
Matches 10; Conservative 0; Mismatches 0; Indels 0;

1 LVVYPWQRF 10

Db 1 LVVYPWTFORF 10

RESULT 2

US-08-627-173-26
Sequence 26, Application US/08627173
Patent No. 5861483
GENERAL INFORMATION:
APPLICANT: TSYRLOVA, IRENA
APPLICANT: WOLPE, STEPHEN D.
TITLE OF INVENTION: INHIBITOR OF STEM CELL PROLIFERATION AND
NUMBER OF SEQUENCES: 27
CORRESPONDENCE ADDRESS:
ADDRESSEE: NIXON & VANDERHAYE P.C.
CITY: ARLINGTON
STATE: VIRGINIA
COUNTRY: U.S.A.
ZIP: 22201-4714
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/627,173
FILING DATE: 03-APR-1996
CLASSIFICATION: 514
PRIORITY APPLICATION DATA:
APPLICATION NUMBER: US 08/535,882
FILING DATE: 28-SEP-1995
ATTORNEY/AGENT INFORMATION:
NAME: BYRNE, THOMAS E.
REGISTRATION NUMBER: 32,205
REFERENCE/DOCKET NUMBER: 1331-177
TELECOMMUNICATION INFORMATION:
TELEPHONE: (703) 816-4000
TELEFAX: (703) 816-4100
INFORMATION FOR SEQ ID NO: 26:
SEQUENCE CHARACTERISTICS:
LENGTH: 10 amino acids
TYPE: amino acid
STRANDEDNESS:
TOPOLOGY: linear
MOLECULE TYPE: peptide
US-627-173-26

Query Match 100.0%; Score 58; DB 2; Length 10;
Best Local Similarity 100.0%; Pred. NO. 0.0002;
Matches 10; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 LVVYPWTFORF 10
Db 1 LVVYPWTFORF 10

RESULT 3
US-08-535-882A-4
Sequence 4, Application US/08535882A
Patent No. 5939391
GENERAL INFORMATION:
APPLICANT: TSYRLOVA, IRENA
APPLICANT: WOLPE, STEPHEN D.
TITLE OF INVENTION: INHIBITOR OF STEM CELL PROLIFERATION AND
NUMBER OF SEQUENCES: 27
CORRESPONDENCE ADDRESS:
ADDRESSEE: NIXON & VANDERHAYE P.C.
CITY: ARLINGTON

STATE: VIRGINIA
COUNTRY: U.S.A.
ZIP: 22201-4714
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/535,882A
FILING DATE: 28-SEP-1995
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: BYRNE, THOMAS E.
REGISTRATION NUMBER: 32,205
REFERENCE/DOCKET NUMBER: 1331-177
TELECOMMUNICATION INFORMATION:
TELEPHONE: (703) 816-4000
TELEFAX: (703) 816-4100
INFORMATION FOR SEQ ID NO: 4:
SEQUENCE CHARACTERISTICS:
LENGTH: 10 amino acids
TYPE: amino acid
STRANDEDNESS:
TOPOLOGY: linear
MOLECULE TYPE: peptide
US-08-535-882A-4

Query Match 100.0%; Score 58; DB 2; Length 10;
Best Local Similarity 100.0%; Pred. NO. 0.0002;
Matches 10; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 LVVYPWTFORF 10
Db 1 LVVYPWTFORF 10

RESULT 4
US-08-535-882A-26
Sequence 26, Application US/08535882A
Patent No. 5939391
GENERAL INFORMATION:
APPLICANT: TSYRLOVA, IRENA
APPLICANT: WOLPE, STEPHEN D.
TITLE OF INVENTION: INHIBITOR OF STEM CELL PROLIFERATION AND
NUMBER OF SEQUENCES: 27
CORRESPONDENCE ADDRESS:
ADDRESSEE: NIXON & VANDERHAYE P.C.
CITY: ARLINGTON
STATE: VIRGINIA
COUNTRY: U.S.A.
ZIP: 22201-4714
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/535,882A
FILING DATE: 28-SEP-1995
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: BYRNE, THOMAS E.
REGISTRATION NUMBER: 32,205
REFERENCE/DOCKET NUMBER: 1331-177
TELECOMMUNICATION INFORMATION:
TELEPHONE: (703) 816-4000
TELEFAX: (703) 816-4100
INFORMATION FOR SEQ ID NO: 26:
SEQUENCE CHARACTERISTICS:

LENGTH: 10 amino acids
TYPE: amino acid
STRANDEDNESS:
TOPOLOGY: linear
MOLECULE TYPE: peptide
US-08-535-882A-26

Query Match 100.0%; Score 58; DB 2; Length 10;
Best Local Similarity 100.0%; Pred. No. 0.0002;
Matches 10; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 LVVYPTQRF 10
DB 1 LVVYPTQRF 10

RESULT 5
US-09-005-546-4
Sequence 4, Application US/09005546
Patent No. 6090782

GENERAL INFORMATION:
APPLICANT: TSYRLOVA, IRENA
APPLICANT: WOLPE, STEPHEN D.
TITLE OF INVENTION: INHIBITOR OF STEM CELL PROLIFERATION AND
TITLE OF INVENTION: USES THEREOF
NUMBER OF SEQUENCES: 27
CORRESPONDENCE ADDRESS:
ADDRESS: NIXON & VANDERHAYE P. C.
STREET: 1100 NORTH GLEBE ROAD
CITY: ARLINGTON
STATE: VIRGINIA
COUNTRY: U.S.A.
ZIP: 22201-4714

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/005,546
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/535,882
FILING DATE: 28-SEP-1995
ATTORNEY/AGENT INFORMATION:
NAME: BYRNE, THOMAS E.
REGISTRATION NUMBER: 32,205
REFERENCE/DOCKET NUMBER: 1331-177
TELECOMMUNICATION INFORMATION:
TELEPHONE: (703) 816-4000
TELEFAX: (703) 816-4100
INFORMATION FOR SEQ ID NO: 4:
SEQUENCE CHARACTERISTICS:
LENGTH: 10 amino acids
TYPE: amino acid
STRANDEDNESS:
TOPOLOGY: linear
MOLECULE TYPE: peptide
US-09-005-546-4

Query Match 100.0%; Score 58; DB 3; Length 10;
Best Local Similarity 100.0%; Pred. No. 0.0002;
Matches 10; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 LVVYPTQRF 10
DB 1 LVVYPTQRF 10

RESULT 6

US-09-005-546-26
Sequence 26, Application US/09005546
Patent No. 6090782

GENERAL INFORMATION:
APPLICANT: TSYRLOVA, IRENA
APPLICANT: WOLPE, STEPHEN D.
TITLE OF INVENTION: INHIBITOR OF STEM CELL PROLIFERATION AND
TITLE OF INVENTION: USES THEREOF
NUMBER OF SEQUENCES: 27
CORRESPONDENCE ADDRESS:
ADDRESS: NIXON & VANDERHAYE P. C.
STREET: 1100 NORTH GLEBE ROAD
CITY: ARLINGTON
STATE: VIRGINIA
COUNTRY: U.S.A.
ZIP: 22201-4714

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/005,546
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/535,882
FILING DATE: 28-SEP-1995
ATTORNEY/AGENT INFORMATION:
NAME: BYRNE, THOMAS E.
REGISTRATION NUMBER: 32,205
REFERENCE/DOCKET NUMBER: 1331-177
TELECOMMUNICATION INFORMATION:
TELEPHONE: (703) 816-4100
TELEFAX: (703) 816-4000
INFORMATION FOR SEQ ID NO: 26:
SEQUENCE CHARACTERISTICS:
LENGTH: 10 amino acids
TYPE: amino acid
STRANDEDNESS:
TOPOLOGY: linear
MOLECULE TYPE: peptide
US-09-005-546-26

Query Match 100.0%; Score 58; DB 3; Length 10;
Best Local Similarity 100.0%; Pred. No. 0.0002;
Matches 10; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 LVVYPTQRF 10
DB 1 LVVYPTQRF 10

RESULT 7
US-08-105-989-21
Sequence 21, Application US/08105989
Patent No. 5922854

GENERAL INFORMATION:
APPLICANT: Kumar, Ramesh
APPLICANT: Sharma, Ajay
APPLICANT: Paulhiac, Clara
APPLICANT: Knoury-Christianson, Anastasia P.
TITLE OF INVENTION: Production of Human Hemoglobin in
TITLE OF INVENTION: Transgenic Pigs.
NUMBER OF SEQUENCES: 26
CORRESPONDENCE ADDRESS:
ADDRESS: PENNIE & EDMONDS
STREET: 1155 Avenue of the Americas
CITY: New York
STATE: New York
COUNTRY: U.S.A.

ZIP: 10036-2711
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/105,989
FILING DATE: 11-AUG-1993
CLASSIFICATION: 800
ATTORNEY/AGENT INFORMATION:
NAME: Coruzzi, Laura A.
REGISTRATION NUMBER: 30,742
REFERENCE/DOCKET NUMBER: 6794-030
TELECOMMUNICATION INFORMATION:
TELEPHONE: (212) 790-9090
TELEFAX: (212) 869-8864/9741
TELEX: 66141 PENNIE
INFORMATION FOR SEQ ID NO: 21:
SEQUENCE CHARACTERISTICS:
LENGTH: 74 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: protein
US-08-105-989-21

Query Match 100.0%; Score 58; DB 2; Length 74;
Best Local Similarity 100.0%; Pred. No. 0.0015;
Matches 10; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 LVVYPWTFQRF 10
Db 2 LVVYPWTFQRF 11

RESULT 8
US-08-105-989-25
Sequence 25, Application US/08105989
Patent No. 5923854
GENERAL INFORMATION:
APPLICANT: Kumar, Ramesh
APPLICANT: Sharma, Ajay
APPLICANT: Paulhiac, Clara
APPLICANT: Khoury-Christianson, Anastasia P.
APPLICANT: Midha, Sunita
TITLE OF INVENTION: Production of Human Hemoglobin in
NUMBER OF SEQUENCES: 26
CORRESPONDENCE ADDRESS:
ADDRESSEE: PENNIE & EDMONDS
STREET: 1155 Avenue of the Americas
CITY: New York
STATE: New York
COUNTRY: U.S.A.
ZIP: 10036-2711
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/105,989
FILING DATE: 11-AUG-1993
CLASSIFICATION: 800
ATTORNEY/AGENT INFORMATION:
NAME: Coruzzi, Laura A.
REGISTRATION NUMBER: 30,742
REFERENCE/DOCKET NUMBER: 6794-030
TELECOMMUNICATION INFORMATION:
TELEPHONE: (212) 790-9090
TELEFAX: (212) 869-8864/9741
TELEX: 66141 PENNIE

INFORMATION FOR SEQ ID NO: 25:
SEQUENCE CHARACTERISTICS:
LENGTH: 74 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: protein
US-08-105-989-25

Query Match 100.0%; Score 58; DB 2; Length 74;
Best Local Similarity 100.0%; Pred. No. 0.0015;
Matches 10; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 LVVYPWTFQRF 10
Db 2 LVVYPWTFQRF 11

RESULT 9
US-09-138-922-21
Sequence 21, Application US/09138922
Patent No. 6147202
GENERAL INFORMATION:
APPLICANT: Kumar, Ramesh
APPLICANT: Sharma, Ajay
APPLICANT: Paulhiac, Clara
APPLICANT: Khoury-Christianson, Anastasia P.
APPLICANT: Midha, Sunita
TITLE OF INVENTION: Production of Human Hemoglobin in
NUMBER OF SEQUENCES: 26
CORRESPONDENCE ADDRESS:
ADDRESSEE: PENNIE & EDMONDS
STREET: 1155 Avenue of the Americas
CITY: New York
STATE: New York
COUNTRY: U.S.A.
ZIP: 10036-2711
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/138,922
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/105,989
FILING DATE: 11-AUG-1993
ATTORNEY/AGENT INFORMATION:
NAME: Coruzzi, Laura A.
REGISTRATION NUMBER: 30,742
REFERENCE/DOCKET NUMBER: 6794-030
TELECOMMUNICATION INFORMATION:
TELEPHONE: (212) 790-9090
TELEFAX: (212) 869-8864/9741
TELEX: 66141 PENNIE
INFORMATION FOR SEQ ID NO: 21:
SEQUENCE CHARACTERISTICS:
LENGTH: 74 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: protein
US-09-138-922-21

Query Match 100.0%; Score 58; DB 3; Length 74;
Best Local Similarity 100.0%; Pred. No. 0.0015;
Matches 10; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
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Db 3 LVVYPWTFQRF 11

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; FILING DATE: 09-MAY-1994
; CLASSIFICATION: 530
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: PCT/US92/09752
; FILING DATE: 13-MAY-1993
; ATTORNEY/AGENT INFORMATION:
; NAME: COOPER, IVER P
; REGISTRATION NUMBER: 28,005
; REFERENCE/DOCKET NUMBER: ANDERSON-6
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 202-628-5197
; TELEFAX: 202-737-3528
;
; INFORMATION FOR SEQ ID NO: 19:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 146 amino acids
; TYPE: amino acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: peptide
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; US-08-240-712-19

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Query Match          100.0%; Score 58; DB 1; Length 146;
Best Local Similarity 100.0%; Pred. No. 0.0031;
Matches 10; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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DB 32 LVVYPTQRF 41

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RESULT 15

US-08-240-712-20

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; Sequence 20, Application US/08240712
; Patent No. 5599907
; GENERAL INFORMATION:
; APPLICANT: ANDERSON, DAVID C.
; APPLICANT: MATHEWS, ANTONY JAMES
; APPLICANT: STEETLER, GARY L.
; TITLE OF INVENTION: PRODUCTION AND USE OF MULTIMERIC
; NUMBER OF SEQUENCES: 35
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Browdy and Neimark
; STREET: 419 Seventh Street, N.W., Suite 300
; CITY: Washington
; STATE: D.C.
; COUNTRY: USA
; ZIP: 20004
;
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/240,712
; FILING DATE: 09-MAY-1994
; CLASSIFICATION: 530
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: PCT/US92/09752
; FILING DATE: 13-MAY-1993
; ATTORNEY/AGENT INFORMATION:
; NAME: COOPER, IVER P
; REGISTRATION NUMBER: 28,005
; REFERENCE/DOCKET NUMBER: ANDERSON-6
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 202-628-5197

```

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; TELEFAX: 202-737-3528
;
; TELEX: 248633
; INFORMATION FOR SEQ ID NO: 20:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 146 amino acids
; TYPE: amino acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: peptide
;
; US-08-240-712-20

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Query Match          100.0%; Score 58; DB 1; Length 146;
Best Local Similarity 100.0%; Pred. No. 0.0031;
Matches 10; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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QY 1 LVVYPTQRF 10
   1111111111
DB 32 LVVYPTQRF 41

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Search completed: January 19, 2001, 09:52:59
Job time: 152 sec

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RESULT 13
 US-08-184-237-10
 Sequence 10, Application US/08184237
 Patent No. 5589367
 GENERAL INFORMATION:
 APPLICANT: Donson, Jon
 APPLICANT: Dawson, William O.
 APPLICANT: Genthum, George L.
 APPLICANT: Turpen, Thomas H.
 APPLICANT: Turpen, Ann Myers
 APPLICANT: Gargner, Stephen J.
 APPLICANT: Gill, Laurence K.
 TITLE OF INVENTION: RECOMBINANT PLANT VIRAL NUCLEIC ACIDS
 NUMBER OF SEQUENCES: 11
 CORRESPONDENCE ADDRESSES:
 ADDRESSEE: Limbach & Limbach
 STREET: 2001 Ferry Building
 CITY: San Francisco
 STATE: CAL
 ZIP: 94111
 COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: Patent in Release #1.0, Version #1.25
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/184,237
 FILING DATE:

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Query Match      100.0%;   Score 58;   E# 1;   Length 146;   #1
Best Local Similarity 100.0%;   Pred. No. 0.0031;
Matches 10; Conservative 0; Mismatches 0; Indels 0; Gaps 0
Qy      1 LVYPTQRF 10      .      .
        |||||
Db      32 LVYPTQRF 41      .      .

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US-08-240-712-19
Sequence 19, Application US/08240712
Patent No. 5599907
GENERAL INFORMATION:
APPLICANT: ANDERSON, DAVID C.
APPLICANT: MATTHEWS, ANTONY JAMES
APPLICANT: STETLER, GARY L.
TITLE OF INVENTION: PRODUCTION AND USE OF MULTIMERIC
TITLE OF INVENTION: HEMOGLOBINS
NUMBER OF SEQUENCES: 35
CORRESPONDENCE ADDRESS:
ADDRESSEE: Broadway and Netmark
Street: 419 Seventh Street, N.W., Suite 300
City: Washington
State: D.C.
Country: USA
ZIP: 20004
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk

Db 2 LVVYPWTORF 11

RESULT 10

US-09-138-922-25

Sequence 25, Application US/09138922

Patent No. 6147202

GENERAL INFORMATION:

APPLICANT: Kumar, Ramesh

APPLICANT: Sharma, Ajay

APPLICANT: Paulinac, Clara

APPLICANT: Khoury-Christianson, Anastasia P.

APPLICANT: Midha, Sunila

TITLE OF INVENTION: Transgenic Plgs.

TITLE OF INVENTION: Transgenic Plgs.

NUMBER OF SEQUENCES: 26

CORRESPONDENCE ADDRESSES:

ADDRESSEE: PENNIE & EDMONDS

STREET: 1155 Avenue of the Americas

CITY: New York

STATE: New York

COUNTRY: U.S.A.

ZIP: 10036-2711

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patent Release #1.0, Version #1.25

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/09/138,922

FILING DATE:

CLASSIFICATION:

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US/08/105,989

FILING DATE: 11-AUG-1993

ATTORNEY/AGENT INFORMATION:

NAME: Coruzzi, Laura A.

REGISTRATION NUMBER: 30,742

REFERENCE/DOCKET NUMBER: 6794-030

TELEPHONE: (212) 790-9090

TELEFAX: (212) 869-8864/9741

INFORMATION FOR SEQ ID NO: 25:

SEQUENCE CHARACTERISTICS:

LENGTH: 74 amino acids

TYPE: amino acid

TOPOLOGY: linear

MOLECULE TYPE: protein

US-09-138-922-25

Query Match 100.0%; Score 58; DB 3; Length 74;

Best Local Similarity 100.0%; Pred. No. 0.0015;

Matches 10; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 LVVYPWTORF 10

Db 2 LVVYPWTORF 11

RESULT 11

US-07-923-692C-10

Sequence 10, Application US/07923692C

Patent No. 5316931

GENERAL INFORMATION:

APPLICANT: Donson, Jon

APPLICANT: Dawson, William O.

APPLICANT: Grantham, George L.

APPLICANT: Turpen, Thomas H.

APPLICANT: Turpen, Ann Myers

APPLICANT: Garger, Stephen J.

APPLICANT: Grill, Laurence K.

TITLE OF INVENTION: RECOMBINANT PLANT VIRAL NUCLEIC ACIDS

NUMBER OF SEQUENCES: 11

CORRESPONDENCE ADDRESSES:

ADDRESSEE: Limbach & Limbach

STREET: 2001 Ferry Building

CITY: San Francisco

STATE: CAL

ZIP: 94111

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patent in Release #1.0, Version #1.25

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/07/923,692C

FILING DATE: 31-JUL-1992

CLASSIFICATION: 435

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US 600,244

FILING DATE: 22-OCT-1990

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US 641,617

FILING DATE: 16-JAN-1991

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US 310,881

FILING DATE: 17-FEB-1989

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US 160,766

FILING DATE: 26-FEB-1988

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US 160,771

FILING DATE: 26-FEB-1988

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US 347,637

FILING DATE: 05-MAY-1989

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US 363,138

FILING DATE: 08-JUN-1989

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US 219,279

FILING DATE: 15-JUL-1988

ATTORNEY/AGENT INFORMATION:

NAME: Halluin, Albert P.

REGISTRATION NUMBER: 28,957

REFERENCE/DOCKET NUMBER: BIOG-20121

TELEPHONE: 415-433-8716

TELEFAX: 415-433-4150

INFORMATION FOR SEQ ID NO: 10:

SEQUENCE CHARACTERISTICS:

LENGTH: 146 amino acids

TYPE: amino acid

TOPOLOGY: linear

MOLECULE TYPE: protein

US-07-923-692C-10

Query Match 100.0%; Score 58; DB 1; Length 146;

Best Local Similarity 100.0%; Pred. No. 0.0031;

Matches 10; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 LVVYPWTORF 10

Db 32 LVVYPWTORF 41

RESULT 12

US-08-170-095B-2

Sequence 2, Application US/08170095B

Patent No. 5563254

GENERAL INFORMATION:

APPLICANT: Hoffman, Stephen J.